

Utilization of Phosphorus Isotope P^{32} For
the Study of the Role Played in Plant Nutrition
by Individual Roots and Various Parts of a
Root System, by I. Kolosov.
RUSSIAN, per Izv. Akad. Nauk. SSSR. Ser. Biol.
No. 1, 1964, pp 95-109
CSIRO/No. 7703

I. Kolosov

Sci -
Aug 67

338-357

The Utilization of Phosphorus Isotope P(32) for the
Study of the Role Played in Plant Nutrition by
Individual Roots and Various Parts of a Root System,
by I. I. Kolosov, 39 pp.

RUSSIAN, per, Akademiya Nauk SSSR, Izvestiya. Seriya
Biologicheskaya, No 1, 1964, pp 95-109.

CFSTI TP-66-61553

313,244

Sci -
Oct 66

36
Absorptive Activity of Root Systems of
Plants, by I. I. Kolosov
RUSSIAN, Mono, Poglotitel'naya Deyatel'-
vnost' Korneykh Sistem Rasteniy, 1962
*CPSTI TT 70-57092

Sci/b&m
Mar 70

J S Kolosov

Production of radioactive ⁹⁰Be from and cyclotron
Target, by I. V. Kolosov, I. V. Kolosov, 7 pp.
RUSSIAN, per. Atom Energi, Vol XV, 1960, pp 427, 428.
928670

SEC-428670-287

21 FEB 1961

90

I. V. Kolosov

203-101
May 65

280,106

(FDD 25372)

The Communist Party and the Soviet Army, by
M. Kolosov, 38 pp.

RUSSIAN, mimeo bk, Kommunisticheskaya partiya
i Sovetskaya armiya, Munich, 1954, pp 1-52.

CIA/FDD Tr 475

USSR

Pol - Party

Mil - Organization

CTS 72/Sep 55

28,012

Technology of Mechanical Processing of Aircraft
Parts, by A. A. Zorokhovich, M. A. Kolosov, 6 pp.

RUSSIAN, ^{bk}~~pt~~, Tekhnologiya Mekhanicheskoy
Obrabotki Aviatsionnykh Detaley, 1959, pp 26-29.
9659995

AFIC MCL 615

Sci

Mar 61

144, 219

Tetracyclines. Communication 16. Absolute Configuration of Tetracyclines, by M.N. Kolosov, V.N. Dobrynin, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1963, pp 696-700.

CB

Sci

May 64

256,889

T of C and Review of Steel Pouring, by M. I.
Kolosov, A. P. Kul'batskiy, 5 pp.

RUSSIAN, bk, Razlivka Stali, Moscow, 1957,
211 pp.

B-257
Head, Lib Sv Sec
Air Info Div
Lib Congress

Effect of Ingot Weight Upon Quality of Structural Steels, by M. I. Kolosov, et al.

RUSSIAN, per, Stal, Vol XVIII, No 5, 1958,
pp 411-~~3~~
414.

Henry Bratcher 4453
\$6.75

Sci - Chem

Apr 59

84,317

Spotty Segregation in 38K MYuA Steel, by F. I. Shved,
M. I. Kolosov, 3 pp.

RUSSIAN, per, Stal, No 2, 1961, pp 156-159.

BIBI

165,191

Sci

Aug 61

Crystallization of Ingots of 18-30 Kgt Steel
and Improvement in Their Quality, by M. I.
Kolosov, A. I. Stroganov, O. Ya. Vainshtein,
N. V. Keis, and V. A. Khryukina, 3 pp.

RUSSIAN, per, Stal, No 1, 1961, pp 25-28.

HISI

Sci

Jun 61

157,398

Investigation of the Optimum Technology for Smelting
Ball-Bearing Steel, by M. I. Kologor, I. Ya.
Ayzenshtok, N. V. Kays, 10 pp. (Pl 1/49715).

RUSSIAN, no per, Stal', No 6, Moscow, Jun 1948.

CIA/FDD/U-1299

Scientific-Engineering, Metals,
Steel, Ball-Bearing

USSR

Mar cts 1951

A-383

Intermediate Stages of the Synthesis of
Tetracyclines, by M. M. Shemyakin, M. N. Kolosov,
5 p.

RUSSIAN, per, Dok Ak Nauk, 1959, Vol CXXVIII,
No 1, pp 113-116.

ATB-51L35R

Sci
Apr 60
Vol III, No 2

111,661

Investigations in the Field of Tetracyclines. XII.
Method of Introducing the N,N-Dimethylglycine
Group into the Cyclohexane Ring.
By M. N. Kolosov and Yu. A. Berlin pp. 10

RUSSIAN, per, Zhurnal Obshchei Khimii, Vol XXXII,
No 9, 1962, pp. 2893 - 2904

CB

340,520

Sci

JUL 63

Investigations in the Field of the Tetracyclines. V.
Study of Methods of Synthesizing the Tricyclic System
ESB of Tetracyclines, by M. M. Shemyakin, M. N. Kolosov,
Yu. A. Arbusov, M. G. Karapetyan, E. S. Chaman, A. M.
Chichchenko, 11 pp

RUSSIAN, per. Amer Obshch Khim, Vol XXIX, No 6, 1959.
pp 1837-1841

Consultants Bureau

122, 415

Sci - Chemistry

Studies in the Field of Sarcomycin and Its
Analogues. II. Synthesis of Sarcomycin Isomers,
by M. M. Shemyakin, M. N. Kolosov, M. G.
Karapetyan, V. Ya. Rodyonov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2068-2074.

CB

Sci - Chem
Oct 59

99,063

The Chemistry of Chloromycetin (Levomycesin). VIII.
The Dependence of the Antimicrobial Activity of
Chloromycetin on Its Structure and the Mechanism of
Chloromycetin Action, by N. N. Shampakin, M. N.
Kolosov, M. N. Levitov, K. I. Gerasimova, N. G. Kara-
petyan, Yu. B. Shvetsov and E. M. Bendas, 10 pp.

Full tr

RUSSIAN, no per, Zhar Goshch Khim. Vol XXVI, No 3
1956, pp 773-782.

Consultants Bureau

42,540

Sci - Chemistry
Jan 57 CDS

Mechanism of Some Transformations and the Paths of
Biogenesis of Carbohydrates With a Branched Car-
bohydrate Chain, by M. M. Shumilkin, A. S.
Khokhlov, M. N. Kolosov.

RUSSIAN, par, Doklady Akad Nauk SSSR, Vol LXXXIV,
No 6, 1958, pp 1301-1304.

Natl Res Council, Canada
TR No 737

Sci - Med

Mar 60

111,288

Initial Stages in the Synthesis of Tetracyclines, by
M. M. Shemyakin, M. N. Kolosov, M. G. Karapetyan, E. S.
Chaman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 4, 1957,
pp 669-.

Consultants Bureau

Sci - Chemistry
Jul 58

SLA-59-5747

66,773

Intermolecular Reactions of Acetylene and Its
Derivatives, by D. K. Shigorin, M. M. Shemyakin,
M. N. Kolorov, 3 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1958, pp 1133, 1134.

SIA 59-10524

Sci - Chem
Sep 59
Vol 2, No 2

97988

Sarkomycin and its Analogs. I. Synthesis of Dihydrosarkomycin and its Antipode, by M. M. Shemyakin, L. A. Shchukina, E. I. Vinogradova, M. N. Kolosov, R. G. Vdovina, M. G. Karapetyan, V. Ya. Rodionov, G. A. Ravdel, Yu. B. Shvetsov, E. M. Bendas, E. S. Chaman, K. M. Ermolayev, E. P. Semkina, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957, pp 742-748.

Consultants Bureau

Sci - Chem
Aug 58

69,160

Investigations on Tetracyclines. VI. Carboxamidation
of Dimedon With Isocyanates, by M. M. Shezyakin,
Yu. A. Arbuzov, M. N. Kolosov, 3 pp.

RUSSIAN, per, Zhur Obahch Khim, Vol XXX, No 2, 1960,
pp 542-544.

CB

Sci

May 61.

154, 180

51
Propagation of Radio Waves in Interplanetary
and Near Solar Space, by M. A. Kolosov, O. I.
Yakovlev and A. I. Yefimov, 9 pp.

RUSSIAN, bk, Issledovaniya Kosmicheskogo
Prostranstva, 1965, pp. 227-233.

JPRS 36475

M. A. Kolosov

USSR

Sci-Aero

Jul 66

306,820

Investigations on Tetracyclines. VII. Routes to
Synthesis of Ring A of Tetracyclines, by M. M.
Shemyakin, M. N. Kolosov, Yu. A. Arbuzov, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 545-556.

CB

Sci

May 61

154,182

Intermediate Stages in the Synthesis of
Tetracyclines, by M. M. Shemyakin, M. N.
Kolosov, Yu. A. Arbuzov, Hsieh Yu Yuan,
Sheng Huai Yu, K. A. Sklobovskiy, M. G.
Karapetyan, A. I. Gurevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CCX~~ CXXVIII,
No 1, 1959, pp 113-116.

CB

Sci - Chem
Sep 60

127, 719

Dependency Between Structure and Antimicrobial
Activity of Chloromycetin (Levomycesin) and
the Mechanism of Its Effect, by M. M. Shemakin,
M. N. Kolosov, N. M. Levitov, K. I. Germanova,
M. G. Karapetian, Yu. B. Shvetsov, E. M.
Banas, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol VII, No 5, 1955, pp 953-956. CIA
197101

III

37,698

Sci - Chemistry, Biology
Aug 1956

The Chemistry of Chloromycetin (Levomycesin)
VI. Synthesis of New Optically Active Analogs
of Chloromycetin (Levomycesin), by M. M. Shemya-
kin, ~~M. N. Kolosov~~ M. N. Kolosov, M. G. Karapet-
yan, E. M. Bendas, Yu. B. Shvetsov, E. I. Vino-
gradova, L. A. Shchukina, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,
No 6, 1955, pp 1199-1205.

Consultants Bureau

Scientific - Chemistry

41, 353

Synthetic Investigations of Indole Derivatives.
I. Synthesis of 1-Methyl-5-hydroxyindoline and
1,3-Dimethyl-5-hydroxyindoline (Dihydrophysos-
tigmol) Urethanes, by M. N. Kolosov, N. A.
Preobrazhensky, 7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 9,
USSR, Sep 1953, pp 1563-1568. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,938

Synthetic Investigations of Indole Derivatives.
II. Synthesis of the Methylurethanes of 1,3,
3-Trimethyl-5-hydroxyindoline and 1,3-Dimethyl-
3-ethyl-5-hydroxyindoline, by M. N. Kolosov, N. A.
Preobrazhensky, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 10, USSR, Oct 1953, p 1779. CIA 0 151002

Consultants Bureau

Scientific - Chemistry

20,556

CTB 64/Jan 55

Research in the Chemistry of Chloromycetin
(Levomyocetin). II. A Study of Synthetic Methods
and of the Synthesis of Optically-Active Analogs of
Chloromycetin (Levomyocetin), by M. M. Shenyakin,
S. M. Bumbas, E. I. Vinogradova, M. G. Karapetyan,
M. N. Kolosov, A. S. Khokhlov, Yu. B. Shvetsov, L. A.
Shchekina, 12 pp.

Full translation.

22,620

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1854-1866. CIA D 151246

Scientific - Chemistry Consultants Bureau
Apr 55 OTS

Synthetic Investigation in the Indole Derivative Series. III. Synthesis of 1,3-Dimethyl-3- β -dimethylaminoethyl-5-hydroxyindolin-2-one (dehydroserolinmethine) and 1,3-Dimethyl-3- γ -dimethylaminopropyl-5-hydroxyindolin-2-one (dehydrohomoserolinmethine) Urethanes, by M. N. Kolosov, N. A. Preobrazhensky, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11, 1953, pp 1923-1926. CIA D151246

Scientific - Chemistry Consultants Bureau
Apr 55 CTS

22,635

Synthetic Investigations of Indole Derivatives.

IV. ~~THE~~ The Synthesis of Ksermethole, ~~Homocsermethole~~
Homocsermethole and Homocseroline, by M. M.
Kologan, L. I. Matrevan, N. A. Prokhorovskiy,
8 pp.

RUSSIAN, mp per, Zhur Obshch Khim, Vol XXIII,
No 12, 1953, pp 2027-2034. CIA D 151908

Consultants Bureau

Scientific - Chemistry
May 55 CTS

22,239

TT-65-32851

Field 20N

Armand, N. A.; Kolosov, M. A.
ON THE REFRACTION OF RADIO WAVES IN THE
TROPOSPHERE. 12 Oct 65, 15p, 10refs. JPRS-32361.
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50
as TT-65-32851

Trans. of Radiotekhnika i Elektronika (USSR) v10 n8
p1401-9 1965.

I. Joint Publications
Research Service,
Washington, D. C.

Afferent Components in the Autonomic Ganglia,
by N. G. Kolosov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 686-689.

ATBS

Sci

149,237

Apr 61

Cajal's Interstitial Cells, by N. G. Kolosov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 592-.

Amer Inst of Biol Sci

Sci - Med

96,912

243,982
The Relationship Between the Field of Ascendant
Radiation of the Earth and Troposphere and the
Temperature Field, by S. G. Kolosov, 9 pp.

RUSSIAN, bk, Izvestiynnye Sputniki Zemli, Vol XIV,
1962, pp 137-144.

CB

Sci
Dec 63

243,953

Relationship of the Earth's and Troposphere's Ascending
Radiation Field With the Temperature Field, by
S. G. Kalugin.
RUSSIAN, in: *Prilozheniya Spetsial'noi Zhurn., No 14,*
1962, pp 137-141.

NASA TT F-618

Sci - Aero
mar 64
U.S. GOVERNMENT ONLY

23,934

Limiting Dimensions of Electric Element Windings
by S. P. Kolosov, 5 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 6,
1960, pp 808-813.

Instru Soc of Amer

Sci

Apr 60

112,561

Components of Aviation Automatic Devices, by
S. P. Kolosov, 588 pp.

RUSSIAN, bk, Elementy Aviatsionnykh Avtomaticheskikh
Ustroystv, Moscow, 1958, 382 pp.

ATIC MCL-111/V

Sci - Aero

Aug 60

123,871

A Device for Promoting Traffic Safety at Night, by
Kolosov, V.

RUSSIAN, per, Avtomobil', 1951, Vol 29/ pp 14-15

Sci Museum Lib No 52/6543

A 5643

Experimental Determination of the Power in the Sub-
millimeter Range of a Magnetic Undulator, by ~~Ex~~ I. A.
Grishayev, V. I. Kologov, V. I. Myakota, V. I. Belo-
glasov, B. V. Yakimov, 3 pp

Russian, per, Dok Ak Nauk SSSR, Vol CXXXI, No 1, 1960,
pp 61-63.

AIP
Sov Phys-Doklady
Vol V, No 2

Sci
Nov 1960

132, 743

Measurement of the Phase Width of Bundles of
Electrons Accelerated in a Linear Accelerator,
by E.I. A. Grishayev, V. L. Kolosov, B. V.
Yakimov, V. I. Myakota, A. I. Zhdanov, 3 pp.

RUSSIAN, per, Priobory i Tekh Eksper, No 6, 1959,
pp 30-32.

Instru Soc of Amer

Sci

Sep 60

127,418

42
Experimental Variation of Newcastle Disease Virus,
by V. M. Kolosov, V. M. Pyurin, 13 pp.
RUSSIAN, per, Voprosy Virologii, No 4, 1964,
pp 443-451.
ARM/PTC/HR-23-658-68

V. M. Kolosov

Sol/BNH
June 69

383,340

The Representation of Populated Places on 1:25,000
Maps of Mountainous and High-Altitude Areas, by
Ye. N. Kolosov, 3 pp.

RUSSIAN, per, Geodez i Kartog, No 8, 1959,
pp 45-49.

AGU

Sci

Jul 61

167,267

Generator of Short Light Pulses, by G. S. Vil'dgrube,
Yu. A. Kolosov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 9, ~~XXI~~ 1961, pp 1185-1187.

CTT

Sci

Sep 62

214,477

Healing of Wounds of the Heart in Birds, by
A. A. Kolosova, 3pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 936-.

AIBS

Sci

Feb 61

138,464

Pre-emergence Control of Weeds in Corn Plantings With
Herbicides, by N. S. Sokolov, A. A. Kolosova, 10 pp.

RUSSIAN, no per, Zemledeliye, Vol III, No 11, Moscow,
Nov 1955, pp 78-82.

CIA/FED U-8239

35,939

USSR

Sci - Chemistry, Herbicides
Biology

May 56/dax

The Nerve Supply of the Myocardium in Experimental Infarcts, by A. A. Kolosova, 3 pp.

RUSSIAN, per, Dok Ak Nauk, Vol CEVII, No 1, 1957, pp 131-.

Amer Inst of Bio Sci

Sci- Medicine
Aug 58

68.93

Reaction of the Mammalian Cardiac Nervous System to
Damage by A. A. Kolosova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959,
pp 926-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,053

Study of the Conditions for Pentose Hydrolysis of
Cottonseed Husks, by A. P. Zakoshchikov, A. Ya.
Kologova, M. E. Shpuntova, 6 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXIX, No 7,
Jul 1956, pp 1093-1102.

Consultants Bureau

Sci - Chemistry
Jun 57

48,589

Production of Radioactive ^7Be From and Cyclotron
Target, by I. F. Kolosova, I. V. Kolosov, 7 pp.
RUSSIAN, per, Atom Energy, Vol XV, 1963, pp 422, 423.
9228785
AEC-~~ORNL~~TM-527

Sci-NS
May 65

280,164

Determination of Ion Exchange Constants From
the Results of Chromatographic Experiments.
Communication 1. Determination of the
Exchange Constants of Cesium on KU-2 Sulfonate
Cation Exchange Resin, by G. M. Kolosova,
M. M. Senyavin, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 10,
1963, pp 1178-1183.

CB

Sci
Aug 64

264,796

Certain Peculiarities of Chromatographic Separation
of Mixtures of Radioactive Substances, by M. M.
Senyavin, G. M. Kolosova, V. A. Nikashina, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 1,
1958, pp 104-108.

AEC-tr-4449
PL-480

177, 797

Sci
Jan 62
PST 371

S-5506

(D2-3083).

Separation of Rare Earth Elements on Anionites, by
G. N. Kolosova, M. M. Senyavin, 6 pp.

RUSSIAN, bk, Redkozemel'nyye Elementy (Polucheniye,
Analiz, Primeneniye), 1958, pp 138-142.

JPRS-L-1989-D

Sci - Chem
Nov 59

101, 702

Separation of Titanium from Accompanying Elements by Ion
Exchange Chromatography. Communication 3. Separation of
Titanium and Zirconium. by T. A. Belyavskaya, I. P.
Alimarin and I. P. Kolosova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 6,
1958, pp 668-670

Consultants Bureau

Sci

107380

Feb 60

Ultimate Lines of 3, 4-Benzopyrene Dissolved in
Normal Hydrocarbons at Different Temperatures, by
S. G. Bogomolov, F. D. Ponomova, L. P. Kolosova,
2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 6, 1960, pp 725-727.

CTT

163,896

Sci
Aug 61

2-Mercaptothiazole in the Mannich Reaction, by
M. O. Kolosov, V. I. Stavroskaya, 6 pp.
RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,
No 8, 1963, pp 2778-2784.
CB

Sci
Aug 64

263,813

2-Mercaptobenzothiazole in the Mannich Reaction.

I. Synthesis, Properties, and Structure of Mannich Bases, by V. I. Stavrovskaya, M. O. Kolosova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960, pp 689-693.

CB

Sci

May 61

154, 104

The Mobility of the Diethylamino Group. III.
Synthesis of 8-(Aminobenzyl) Aminoquinolines,
by V. I. Stavrovskaya, M. O. Kolosova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 558-562. CIA C 39388

Consultants Bureau

Scientific - Chemistry
CTS 74/Nov 55

27,952

The Immediate Effect of pH of the Root Environment on
Plants, by N. S. Avdonin, N. A. Kolosova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5, 1959,
pp 1136-1139.

ALBS

Sci

Mar 60

109, 787

The Results of Treatment of Stomach Cancer (Based on the Figures of Krasnodar Krai Oncological Out-Patients' Department), by N. I. Kolosova, 5 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 2, 1959, pp 229-233.

Pergamon Press

Sci

Feb 60

103409

CYTOMETRIC CHANGES IN THE SOME HUMAN CELLS IN NEW
FORMS OF LIVERWORMS, BY W. F. BATHURST, A. H.
HOLMES, IS PP

RUSSIAN, PER, VESTNIK AKAD: MED: NAKH SHER,
VOL XVII, NO 7, 1962, PP 3-121.

JPG 01004

1022
OCT 63

944,450

A Comparative Evaluation of the Effects of Vitamin
B₁₂ 5,6-Dimethylbenzimidazole and Dibazol on Certain
Types of Nervous Inhibition, by N. N. Kolosova, 3 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXI, No 6, 1958
pp 21-24.

CB

Oct 59

99,274

Irradiation and Concentration of Nervous
Processes in the Skin Analyser of Dogs
With Different Types of Nervous System,
by T. E. Kolosova, 6 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel
imeni I. P. Pavlova, Vol IX, No 2, 1959,
pp 216-221.

PP

195,059

Sci

May 62

Formation of Symmetrical Differentiations in
Relation to a Photoc Stimulus, by T. E. Kolosova,
7 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel
imeni I. P. Pavlova, Vol XI, No 3, 1961,
pp 482-~~486~~ 487.

PP

Sci

198,956

Jun 62

Use of Manganese Dioxide to Remove Hydrogen Sulfide
from Gas with Subsequent Extraction of Elementary
Sulfur, by Ya. Ya. Dodonov, L.D. Borzova, V.S.
Koloscva, V. S. Pokayevskaya, 5 pp

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 11,
1959, pp 2373-2376

CB

Oct 60

132, 179

Kolosovskii, N. A., and Udovenko, V. V.
HEAT CAPACITY OF LIQUIDS, II [1961] 6p
Order from OTS, SLA or ETC \$1.10 TT-61-16817

Trans. of Zhurnal Obshchei Khimii (USSR)
1934, v. 4, p. 1027-1033.

DESCRIPTORS: *Thermochemistry, Liquids,
Hydrocarbons, Halogen compounds, Oxygen compounds,
Nitrogen compounds, Equations.

(Chemistry--Physical, TT, v. 11, no. 3)

TT-61-16817

I. Kolosovskii, N. A.
II. Udovenko, V. V.

157791

Office of Technical Services

Kolosovskii, N. A. and Udovenko, V. V.
HEAT CAPACITY OF SATURATED VAPORS AT
THE BOILING POINT, II. [1961] 7p. 11 refs.
Order from OTS or SLA \$1.10 61-18143

Trans. of Zhurnal Obshchei Khimii (USSR) 1931,
v. 1, p. 255-262.

DESCRIPTORS: Vapors, Thermodynamics, Heat
tolerance, Boiling.

(Unannounced)

61-18143

I. Kolosovskii, N. A.
II. Udovenko, V. V.

211143

Office of Technical Services

On the Plan of Dividing the USSR Into Economic
Regions, by N. N. Kolosovskiy. UNCLASSIFIED

RUSSIAN, RR, Voprosy Geografii, 1957, pp 29-47.

214 1-13 13 2

USACRAPAC, FPB
Tr 97805

USSR
Geographic

Sep 58

71, 755

Adaptive Features of Certain Structures in the Eye
of ~~mus~~ Musculus L. by E. I. Boloss, 4 pp.

~~Art~~
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2,
1958, pp 358-.

Amer Inst of Biol Sci

Sci - Med

96,088

The Ecological Histology of the Segmental Mus-
culature of Aquatic Vertebrates, by E. I.
Kolosa, 3 pp.

RUSSIAN, per, Dok Ak Nauk, Vol CXVII, No 1,
1957, pp 704-706

Amer of Bio Sci

Sci - Medicine
Aug 58

68,944

The Functional Purpose of Tonic Myone in the Lower
Vertebrates, by E. I. Koloss, 5 pp.

ISSUED, 1967, Dok Ak Nauk SSSR, Vol XXXIV, No 2,
1968, pp. 445-448.

ALPS

881

Aug 68

163,627

On a Field of Slip-Lines, by V. P. Severidno. V. I.
Kolsou, 5 pp.

ISSUES, Nov, Dok Ak Nauk SSSR, Vol CXXVI, No 5,
1959, pp 988-.

Amer Inst of Phys
Vol IV, No 3

Sci

Jan 60

105,004

Kolotil, A. A.
ELECTROLYTIC ISOLATION OF METALLIC LITHIUM
ON LIQUID LEAD CATHODE [Elektroliticheskoe Vy-
delenie Metallicheskogo Litiya na Zhidkrom Svintsovom
Katode]. [1963] 9p (figs omitted) 9refs
Order from OTS, SLA, or ETC \$1.10 TT-64-14145

Trans. of Ukrainitsii Khimicheskii Zhurnal (USSR) 1952,
v. 18, no. 6, p. 667-671.
Another trans. is available from SLA as RT-2192, 11p

(Chemistry--Physical, T1, v. 11, no. 12)

TT-64-14145

I. Kolotil, A. A.
II. RT-2192

788533

Office of Technical Services

On the Vibrations of a Cylindrical Shell in
Water and the Complex Acoustical Spectrum of Its
Radiation, by Z. V. Kolotikhina, 8 pp.

RUSSIAN, per, Akust Zhur, Vol IV, No 4,
1958,, pp 333-340.

AIP
Sov Phys-Acoustics
Vol IV, No 4

195,535

May 62

Free Ribonucleotides and the Activity of Some
Enzymes of the Pentose Phosphate Cycle in Heart
Muscle With Experimental Myocardial Infarcts, by
A. I. Kolotilova, ~~XXXX~~, B. F. Korovkin, et al, 8pp.

RUSSIAN, ~~paper~~, Biokhimiya, Vol XXVIII, No 1, 1963,
pp 113-121,

CB

Sci
Jun 64

26k1,349

The Regulatory Significance of the DPN^+ $\rightarrow$ $DPNH$
System in Intermediate Carbohydrate Metabo-
lism, by A. I. Kolotilova, 9⁵ pp
7

RUSSIAN, per, Biokhim, Vol XXV, No 3, 1960,
pp 328-333

407-448 4/6

CB

140,908

Sci-
Feb 61

The Rates of the Intermediate Reactions of
Glycolysis, by A. I. Kolotilova, UNCL

RUSSIAN, per, Uspekhi Sovremennoi Biol, Vol XLIII,
1957, pp 12-28.

DSIR/33164/CT

Sci - Chem
Feb 59

81,426

Transients in Semiconducting Triodes, by E. I.
Adirovich, V. G. Kolothilov, and B. V. Malin,
12 pp.

RUSSIAN, per, Radiotekh, i Elektr, Vol I, No
8, 1956, pp 1052-1057.

SLA R-~~1773~~ 1773

Sci

Jul 58

68,297

(NY-3000)

For Larger Production and Fewer Expenditures,
by A. Rusin, P. Kolotilov, I. Mamontov, et al,
4 pp.

RUSSIAN, np, Sovet Rossiya, 29 Mar 1961.

JPRS 10423

USSR

173.541

Econ

Mar 61

Propagation of a Short Pulse in a Semiconductor
Bounded by Two p-n Junctions, by Adirovich, E. I.,
V. G. Kolotilova. UNCLASSIFIED

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIX,
No 6, 1955, pp 770-777.

Sci Mus Lib 57/4268

Sci - Phys
Sep 58

73,405

The Determination of the Free Energy of ATP
Hydrolysis from the Hexokinase Reaction
Equilibrium Constant, by I. G. E. Vladimirov,
~~XXXXXXXX~~ V. G. Vlasova, A. I. Kolotilova,
S. N. Lyslova, Pantel'yeva, 8 pp.

RUSSIAN, per, Biokhim Vol XXII, No 6, 1957,
pp 964-970.

Consultants Bureau

Sci - Med

Aug 58

69, 517

To the Theory of Transfer Processes in Transistors, by
E. I. Adirovich, V. G. Kolotilova, 7 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CVIII, No 4, 1956,
pp 629-632.

Morris D. Friedman

Sci - Electronics
Mar 59

84,404

The Influence of Emitter Efficiency on the Transient
Characteristics of Semiconductor Triodes, by E. I.
Adirovich, V. G. Kolotilova, 5 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVII, No 3,
Mar 1957, pp 473-477.

Amer Inst of Phys
Sov Phys, Tech Phys
Vol II, No 3

Sci - Physics
Feb 58

58, 330

(NY-2900/10)

Complete Automation and Mechanization of the
Production Processes of Machining Metals, by
Yu. V. Kolotilova, 5 pp.

RUSSIAN, per, Makh 1 Avtomat Proiz, No 2, 1960,
pp 53, 54.

JPRS 5032

USSR
Econ - Technological
Aug 60

121,537

The Possibilities for Lowering Housing Construction
Costs, by B. Kolotilkin, 5 pp.

RUSSIAN, per, Voprosy Ekonomiki, Vol I, No 7, 1958,
pp 129-138.

Internatl Arts and Sci Press

USSR
Econ
Dec 58

78.225

An Electrochemical Investigation of the System
Sn - Na, by Yu. K. Delimarskiy, A. A. Kolotiy,
12 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVIII, 1954,
pp 1169-1173. *CIA 90 38199-0 Reel 5-4*

AEC Tr 2236

Scientific - Chemistry
CTS 73/Oct 1955

27,846

Electrolytic Isolation of Metallic Lithium
on Liquid Lead Cathode, by A. A. Kolotiy, 11 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVIII,
No 6, 1952, pp 667-671.

Sci Tr Center
RT-2192

Scientific - Chemistry
CTS 70/Jul 55

25,229

Behavior of the Glass Tin - Sodium Electrode in
Various Molten Salts, by A. A. Kolotiy.

Ukrainian
Russian, bimo per, Ukrain Khim Zhur, Vol XX,
1954, pp 502-507.

ABJ Tr 2479

Scientific - Chemistry; Min/Metals
Jul 56 CTS/dex

36, 265

Decomposition Potentials of the Fused Systems
 LiCl-KCl and LiCl-BaCl_2 , by A. A. Kalotiy,
Yu. K. Delimarsky, 6 pp.

RUSSIAN, per, Zhur. Prikl Khim, Vol XXX, No 3,
1957, pp 406-411.

Con Ba

Sci - Chem
Aug 58

69, 473

Decomposition Potentials of the Systems
NaF - ZrF₄ and NaF - ZrF₄ - ZrO₂, by Yu. K.
Delimarskiy, A. A. Kolotiy, V. A. Lapa, 9 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XIX, 1953,
pp 372-376.

AEC Tr 2250

Scientific - Chemistry
CTS 73/Oct 1955

27,866

Amplification of Short Pulses with Pulse Powering of
the Amplifier Tubes, by O. S. Kolotov, Yu.N. Lobanov.
3 pp.

RUSSIAN, per, Prihory i Tekh Eksper,
No. 2, 1961, pp. 94-96

(148)

Sci

191,884

Mar 62

Instrument for Adjustment of Pulse Apparatus in the
Nanosecond Range, by O. S. Kolotov, A. A. Sanin,
et al, 5 pp.

RUSSIAN, per, Pribor i Tekh Eksper, No 5, 1961,
pp 82-85.

ISA

Sci
Jul 62

205,333

Amplitude and Time-Dependent Properties of Some
Ferromagnetic Films, by R.V. Telesnin, O.S. Kolotov,
6 pp.

RUSSIAN, per, Radiotekh . Elektron, No 7, 1962.

AIEE

Sci

Feb 63

233,219

Amplification of Nanosecond Pulses, by
O. S. Kolotov, T. N. Nikitina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 5, 1961, pp ~~624~~ 624-627.

CTT

Sci

Jul 62

204,222

A Generator of Short-Duration Pulses, by O. S.
Kolotov, Yu. N. Lobanov, A. S. Obukhov, 3 pp

RUSSIAN, per, Pribury i Tekh Eksp, No 3, 1960,
pp 73-76

IBA

142,369

Sci-
Feb 61

Circuit for Shaping Short Pulses, by O. S. Kolotov,
2 pp.

RUSSIAN, per. Priory 1 Tekh Eksper. No 3. 1962,
pp 79-80.

ISA

Sci

Apr 63

233,497